



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3406 FAX (603) 271-7894



October 12, 2001
Letter of Deficiency
DAM #149.02

Chairman of Selectmen
Adrian E. Beggs
Town of Madison
Box 248
Madison, NH 03849

RE: Silver Lake Dam #149.02, Madison

Dear Chairman Beggs

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on June 7, 2001. During this visual inspection and/or file review, the following deficiencies were observed:

There was concrete erosion occurring on the interior sluice gate walls;

There was concrete erosion occurring on the inside right structure wall of the 32' wide stoplog bay;

- 3 There was woody growth on the right embankment;
- 4 Light vegetation was present on the left embankment; and
- 5 There were cracks on the interior concrete left structure wall of the 14' spillway

DES believes that the above deficiencies can be corrected by performing the following items by June 1, 2002:

Repair the eroding concrete on the interior sluice gate walls;

- 2 Repair the eroding concrete on the inside right structure wall of the 32' wide stoplog bay;
- 3 Cut the woody growth on the right embankment within 10' of the right concrete abutment
- 4 Cut the vegetation on the left embankment; and

Letter of Deficiency
Dam #149.02
October 12, 2001
Pg. 2

5. Patch the cracks on the interior concrete left structure wall of the 14' spillway.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

COPY *Amy Clark*

Amy Clark
Dam Safety Engineer

Attachments DB8, DB13

cc: Gretchen Rule

Certified # 7099 3400 0002 9772 7925
ACC/was/h:/safety/wendy/lod/149-02lod.doc